ADVERTISEMENT.

THERE is Invented by the Right Honourable the Earl of *Castlemain*, a new kind of Globe, performing singly all the Operations of both the other Globes, and many more that they are uncapable to perform: For distinction sake it is call'd, The **English Globe.** It hath neither Wooden Horizon, Brazen Meridian, Vertical Circle, *&c.* or any other usual Appendice belonging to the other Globes.

It does the Office of an *Almanack* and *Ephemeris* of the Sun and Moon by Observation, and without any *Data*: Of a Sun-Dyal and a Moon-Dyal by Inspection only: It finds all the Points of the Compass round about the Horizon, only by the Shadow of the Sun 5. It actually finds Altitudes more readily than the Quadrant, or Astrolabe, and shews their successive Increase and Diminution, as the Day grows older, only by Speculation: It does without any other Instrumental help perform all sorts of *Dyalling*, and its Requisites, to any Plane: It shews by Inspection only at once the Position and Affections of the Stars, which other Globes perform by several distinct and successive Operations: It shews the Ancient, as well as the Modern Geography, by Inspection only.

All the other Operations performable by both the other Globes, are more Naturally and easily Performed by this single Globe: For the same Affections of Shadows the Sun and Moon have upon this visibly incomprehensive Earth we live on, it hath on this Comprehensive Globe; and many, or most of the Operations, are made all at once, and present themselves as fast as you move your Eye, and that with as much ease as you may find the Hour of the Day by an ordinary Horizontal Dyal, when the Sun shines on it: Whereas by other Globes the Operations are all Performed successively, with several Turnings and Movings, *&c.* of the Globes, Meridian, Vertical Circle, *&c.*

All which is Learnedly and Copiously Taught and Handled in his Lordship's Book of the Use of the **English Globe.**

For Confirmation of the Truth aforesaid, I shall give you a True Copy of the Testimony of several Learned and Eminent Persons of the Famous

University of *OXFORD.*

WE who have hereunto Subscribed our Names, have Examined the English Globe, *Invented by the Earl of* Castlemain, *and find it an Excellent New Invention, worthy of Publick Reception; and capable to Perform all the* Astronomical, Geographical, Altimetrical, *and most admiredly the* Gnomonical *Operations set forth in his Lordship's Book of its Uss; and that more Readily and Naturally than the Ordinary Globes do those Operations they are capable of; and also that by it many Operations may be Made, that cannot be Perform'd by the ordinary Globes.*

Edward Barnard, *Astron. Proff. Savil.*
Thomas Staynoe, *Fellow of Trin, Coll.*
John Caswel.
Richard Old, *Student of Ch. Ch.*
H. Aldrich, *Student of Ch. Ch.*
Thomas Sykes, *of Trin. Coll.*

The Testimony of the University of *Cambridge.*

WE who have hereunto Subscribed our Names, having seen the English Terrestrial Globe, *with its Uses discribed by the Inventor the Earl of* Castlemain, *in his Book on this Subject, do find it capable of performing what his Lordship applies it to; and that the Operations by it, are in the general, more expedite and easie to be understood, than those hitherto in use by the Vulgar Globes. And if whilst it makes* Geography *and* Dyalling *plainer than formerly, it yeilds to the Vulgar Globes in* Spherical Trigonometry: *It again exceeds them by Solving divers other Questions which they do not at all, or not conveniently extend to, and further by exhibiting to sight the Solution of many Questions at once. The* Cœlestial Globe *being also ingeniously supplied both by the* Astrolabe *in the* Pedestal, *and otherwise, we have here a Compendium af the Two Globes, and an* Astrolabe, *in this one Instrument. Wherefore we account this New Invention, as of excellent use, so worthy of publick Reception and Encouragement.*

Js. Newton, *Math. Prof.*
Henry More, *Chr. Coll.*
Edm. Matthews, *Coll. Sidn.*
Jo. Ellys, *Coll. Conv. & Caius.*
James Crompton, *Coll. Jes.*
Thomas Man, *Coll. Jes.*

The Diameter of this *Globe* is about 12 Inches, and the Price (ordinarily made up) 3 *l.* Best made up 5 *l.* The Price of the Book 5 *s.*

Sold by *J. Moxon* at the *Atlas* in *Warwick-Lane, London.* Where may be had Globes of most Sizes, and Mathematical Instruments, *&c.*

Broadsides

Box
1679